

350



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RB T101896-9
Job Sheet 178331



Sail

713

No
FAIL

Part No: RB T101896-9

Job Qty: 1 ea

Part Name: End Bar



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 5/30/18

Job Tracking No:

Due Date: 6/4/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG RB T101896 Rev A IPP Rev A 18.03.27 New issue DP Verify DD/IPP Rev. B 18.05.24 New DWG update
DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		6/4/18	0.00	0.00	Start Up Machining-2		
110	Mill Conv	1 pcs		6/4/18	0.00	0.25	Mill Conv 2		
120	QC	1 pcs		6/4/18	0.00	0.00	QC2 Machining-4		
130	QC	1 pcs		6/4/18	0.00	0.00	QC5		
140	Packaging	1 pcs		6/4/18	0.00	0.00	Packaging3-1		
150	QC21-SA	1 Ea		6/4/18	0.00	0.00	QC21		

Part Op Descriptions: 110 - 1-Machine as per DWG. DWG REV: 2-Deburr

DAS
21
9-89

JUL 11 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140-B-1.000X1.000	4140 Steel Bar 1.000 X 1.000	.3500 ft (.35 ea)	90-Start up Operation	5090107

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140-B-1.000X1.000 98830A989	0	40	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
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Hawkesbury, ON K6A 1K7
CANADA
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Email: sales@dartaero.com
www.dartaerospace.com

Plex 7/5/18 10:20 AM dart.logan.david

Container No: S090217



Part: RB T101896-9

Job No: 178331

Serial No/Batch: S090217

Revision: B

Inspector:

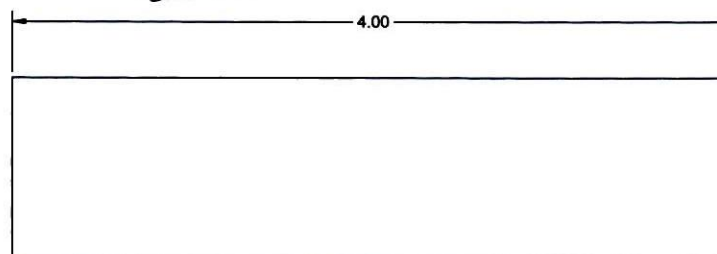
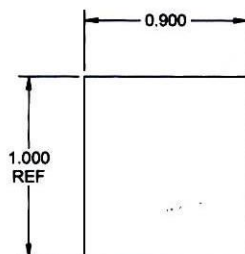
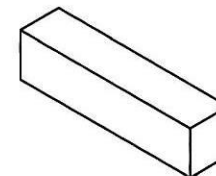
Exp Date:

Instructions:

Date: 07/09/18

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 178331

20180622



RB T101896-9 END BAR

NOTES:

- 1) MATERIAL: McMaster# 98830A989 OR EQUIVALENT
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A

RELEASED

DESIGN	KT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RB T101896	SHEET 5 OF 9
APPROVED	<i>Mea</i>	TITLE	SCALE
DATE	5/28/2018	M/R GRIP SPACING TOOL	NTS
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178331

Page 1 of 1

Jennifer CC-19	
"	
"	

J.C.T
8/7/9

Engineering Approval:
(If necessary)

Rev	Date	Change
A	14.07.31	New Issue

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					